

□ Cleaning of semipermeable membranes in filtration units

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AB	A contaminated semipermeable membrane (parallel flow) filter unit (reverse osmosis or ultrafiltration) is regularly flushed in a short period with a high pressure gas to contact the membrane with a gas-liq. mixt., thus removing the contaminated layer. The method is used for any shape of unit. Thus, a tubular cellulose acetate [9004-35-7] membrane filter unit for tap water was used 200 h, then flushed 3 min with N at 35 kg/cm ² . The salt removal was 94.8% initially, 89.7% after 200 h use, and 94.7% after cleaning.				